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Remote Sensing of Ocean Current Boundary Layer
EREP Project 108

October 1973
Contract Number T-4713-B

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MONTHLY REPORT



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL RESEARCH LABORATORIES
ATLANTIC OCEANOGRAPHIC AND METEOROLOGICAL LABORATORIES
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Date: 5 November 1973

Reply to: George A. Maul, Principle Investigator
Attn of:

Refer to: RH1000-19M-48.03

Subject: Monthly Progress Report, T-4713-B

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This is the fourth report on project EREP 108, and it covers the month of October 1973.

A joint NASA/GSFC-NOAA/AOML ocean color experiment was conducted during the reporting period. The R/V VIRGINIA KEY was instrumented with a spectroradiometer, light scattering photometer, continuous flow fluorometer, infrared radiation thermometer, and standard oceanographic instruments; this is the instrumentation required for SL4 except for an attenuation meter. The experiment, thus, was a good dry run for the 28 November prime experiment date on ground track 62 from Key West to 12 nautical miles offshore Cuba. All instruments are prepared for the experiment.

Dr. Baig continued his analysis of ocean color photographs taken during CUE off the Oregon coast. Dr. Gordon continued his theoretical calculation on light transmission using the Monte Carlo code.

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